

Amendments to the Claims

Listing of Claims:

Original Claims 1-8 (canceled).

Claim 9 (new). A hard metal alloy component, consisting essentially of:

tungsten carbide having a mean grain size of less than $1.2\ \mu\text{m}$;

13 to 23% by weight of one or more binder metals selected from the group consisting of cobalt, iron, and nickel; and

formed into a component resistant to wear and resistant to torsional loads.

Claim 10 (new). The hard metal alloy component according to claim 9, wherein said tungsten carbide has a mean grain size in a range from 0.7 to $0.9\ \mu\text{m}$, and said binder metal includes 13 to 17% by weight of cobalt.

Claim 11 (new). The hard metal alloy component according to claim 9, wherein the alloy has a coarse-grain fraction of up to $200\ \text{grains/mm}^2$ with a mean grain size in a range from 6 - $15\ \mu\text{m}$.

Claim 12 (new). The hard metal alloy component according to claim 9, formed as a screwdriver bit.

Claim 13 (new). A screwdriver bit made from an alloy according to claim 9.

Claim 14 (new). A method for producing a screwdriver bit, comprising:

providing an alloy of tungsten carbide having a mean grain size of less than $1.2\ \mu\text{m}$, and 13 to 23% by weight of one or more binder metals selected from the group consisting of cobalt, iron, and nickel; and

forming the screwdriver bit from the alloy by metal powder injection molding.

Claim 15 (new). The method for producing a screwdriver bit according to claim 14, which comprises machining a plurality of parallel web-like elevations running at approximately 45° to a longitudinal axis of the screwdriver bit into an injection mold directly beneath a screwdriver tip.

Claim 16 (new). A screwdriver bit, comprising: an alloy body of tungsten carbide having a mean grain size of less than 1.2 μm and 13 to 23% by weight of one or more binder metals selected from the group consisting of cobalt, iron, and nickel, produced by metal powder injection molding in an injection mold, said alloy body having a plurality of parallel grooves formed therein at approximately 45° to a longitudinal axis of the screwdriver bit directly beneath a screwdriver tip.